

TABLE 76. Black, non-Hispanic U.S. citizen and permanent resident full-time graduate students in science, engineering, and health fields in all institutions and in historically black colleges and universities, by field: 2002–08

Field	2002	2003	2004	2005	2006	2007old ^a	2007new ^a	2008
All institutions	16,346	17,678	18,500	18,740	19,936	19,625	20,078	21,903
Science and engineering	12,830	13,522	14,022	14,186	14,858	15,003	15,528	16,839
Science	11,025	11,687	12,062	12,217	12,718	12,834	13,308	14,556
Agricultural sciences	289	346	298	310	307	283	285	311
Biological sciences	1,941	2,097	2,241	2,318	2,418	2,486	2,509	2,645
Communication ^a	ne	ne	ne	ne	ne	ne	279	335
Computer sciences	800	800	788	764	738	825	813	803
Earth, atmospheric, and ocean sciences	193	195	194	170	186	196	191	207
Family and consumer science/human science ^a	ne	ne	ne	ne	ne	ne	142	155
Mathematical sciences	369	382	392	414	420	423	422	402
Multidisciplinary/interdisciplinary studies ^a	ne	ne	ne	ne	ne	ne	131	169
Neuroscience ^a	na	na	na	na	na	na	55	60
Physical sciences	697	736	802	784	785	772	770	786
Psychology	2,484	2,571	2,761	2,856	2,986	2,910	2,877	3,423
Social sciences	4,252	4,560	4,586	4,601	4,878	4,939	4,834	5,260
Engineering	1,805	1,835	1,960	1,969	2,140	2,169	2,220	2,283
Health ^a	3,516	4,156	4,478	4,554	5,078	4,622	4,550	5,064
Historically black colleges and universities	2,779	3,152	3,263	3,287	3,416	2,840	2,895	2,851
Science and engineering	2,167	2,268	2,493	2,502	2,558	2,299	2,345	2,318
Science	1,888	2,015	2,215	2,223	2,204	1,964	1,986	1,952
Agricultural sciences	141	194	139	143	135	110	110	158
Biological sciences	387	427	431	390	365	364	376	391
Communication ^a	ne	ne	ne	ne	ne	ne	38	28
Computer sciences	165	152	114	124	124	104	103	101
Earth, atmospheric, and ocean sciences	36	34	38	34	40	30	30	36
Family and consumer science/human science ^a	ne	ne	ne	ne	ne	ne	13	11
Mathematical sciences	70	63	61	72	85	84	84	57
Multidisciplinary/interdisciplinary studies ^a	ne	ne	ne	ne	ne	ne	13	12
Neuroscience ^a	na	na	na	na	na	na	0	0
Physical sciences	130	116	174	172	184	162	162	163
Psychology	293	308	376	401	365	345	345	304
Social sciences	666	721	882	887	906	765	712	691
Engineering	279	253	278	279	354	335	359	366
Health ^a	612	884	770	785	858	541	550	533
Percentage in HBCUs	17.0	17.8	17.6	17.5	17.1	14.5	14.4	13.0
Science and engineering	16.9	16.8	17.8	17.6	17.2	15.3	15.1	13.8
Science	17.1	17.2	18.4	18.2	17.3	15.3	14.9	13.4

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Agricultural sciences	48.8	56.1	46.6	46.1	44.0	38.9	38.6	50.8
Biological sciences	19.9	20.4	19.2	16.8	15.1	14.6	15.0	14.8
Communication ^a	ne	ne	ne	ne	ne	ne	13.6	8.4
Computer sciences	20.6	19.0	14.5	16.2	16.8	12.6	12.7	12.6
Earth, atmospheric, and ocean sciences	18.7	17.4	19.6	20.0	21.5	15.3	15.7	17.4
Family and consumer science/human science ^a	ne	ne	ne	ne	ne	ne	9.2	7.1
Mathematical sciences	19.0	16.5	15.6	17.4	20.2	19.9	19.9	14.2
Multidisciplinary/interdisciplinary studies ^a	ne	ne	ne	ne	ne	ne	9.9	7.1
Neuroscience ^a	na	na	na	na	na	na	0.0	0.0
Physical sciences	18.7	15.8	21.7	21.9	23.4	21.0	21.0	20.7
Psychology	11.8	12.0	13.6	14.0	12.2	11.9	12.0	8.9
Social sciences	15.7	15.8	19.2	19.3	18.6	15.5	14.7	13.1
Engineering	15.5	13.8	14.2	14.2	16.5	15.4	16.2	16.0
Health ^a	17.4	21.3	17.2	17.2	16.9	11.7	12.1	10.5

na = not applicable; data were not collected at this level of detail. ne = not eligible; data were not collected for this field prior to 2007.

HBCUs = historically black colleges and universities.

^a In 2007, GSS-eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of GSS-eligible units. "2007new" presents data as collected in 2007; "2007old" reflects data as they would have been collected under 2006 methodology. Science fields "communication" and "family and consumer science/human science" are newly eligible. Data for these two fields are only in 2007new. Science field "multidisciplinary/interdisciplinary studies" is also newly eligible; these data may have been reported under other fields before 2007. "Neuroscience" is reported as a separate field of science in 2007new; these data were reported under health field "neurology" in 2007old and previous years. See appendix A, "Technical Notes," for more detail.

SOURCE: National Science Foundation/Division of Science Resources Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.